## INTERNATIONAL SEARCH REPORT



International Application No /EP 03/14809

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04Q7/38 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	* Relevant to claim No.
X	US 2003/003919 A1 (VAN LIESHOUT GERT-JAN ET AL) 2 January 2003 (2003-01-02) abstract paragraph '0005! - paragraph '0005! paragraph '0059! - paragraph '0061! paragraph '0083! paragraph '0087!	1-20
X	US 6 570 872 B1 (BESHAI MAGED E ET AL) 27 May 2003 (2003-05-27) abstract column 19, line 37 - column 20, line 3	1-20
<b>A</b>	US 2003/185159 A1 (KWAK YONG-JUN ET AL) 2 October 2003 (2003-10-02) abstract paragraph '0109! - paragraph '0119!	1-20

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of the actual completion of the international search	Date of mailing of the international search report		
18 August 2004	08/09/2004		
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer		
NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Harrysson, A		

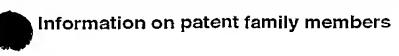
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International Application No /EP 03/14809

 C.(Continua	(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
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A	EP 1 137 203 A (NOKIA MOBILE PHONES LTD) 26 September 2001 (2001-09-26) abstract paragraph '0031! - paragraph '0032!	1-20					
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